

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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| Applicant(s): HARADA et al. | Atty. Dkt.: 01-628 |
| Serial No.: Unknown | Group Art Unit: |
| Filed: Concurrently herewith | Examiner: |
| Title: MULTI-LAYER PRINTED CIRCUIT BOARD AND METHOD FOR MANUFACTURING THE SAME | |

Commissioner for Patents
Arlington, VA 22202

Date: April 1, 2004

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §1.56, the reference(s) listed on the attached Form PTO-1449 is/are submitted for consideration by the Examiner without any admission that it/they constitute(s) statutory prior art, or without any admission that it/they contain(s) subject matter that anticipates the invention or renders the invention obvious to a person of ordinary skill in the art.

The Examiner is requested to initial the attached PTO Form-1449 and to return a copy of same to the undersigned attorney as proof that the listed reference(s) has/have been considered and made of record.

Respectfully submitted,



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| FORM PTO-1449 | ATTY. DKT NO. | 01-628 | SER. NO. |
| | APPLICANT | HARADA et al. | |
| | FILING DATE | April 1, 2004 | GROUP |

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS |
|---------------------|--|--|--------------|------------------|-------|--------------|
| | | 4,931,354 (Discussed in page 1 of the spec.) | Jun. 5, 1990 | Wakino et al. | | |
| | | 6,228,467 | May 8, 2001 | Taniguchi et al. | | |
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FOREIGN PATENT DOCUMENTS

| TRANSLATION | | | | | | | | | | |
|-------------|--|--|----------|---------|------|-------|-----------|-----|----|---------------|
| | | DOCUMENT NUMBER | DATE | COUNTRY | NAME | CLASS | SUB CLASS | YES | NO | |
| | | | | | | | | | | Eng. Abstract |
| | | JP-A-H07-307575 (Discussed in pages 1-2 of the spec.) | 11/21/95 | Japan | | | | | | X |
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* Full English text is available in machine-translated form in JPO (Japanese Patent Office) English language web site at <http://www1.ipdl.jpo.go.jp/PA1/cgi-bin/PA1INDEX>.

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

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| EXAMINER | DATE CONSIDERED | |